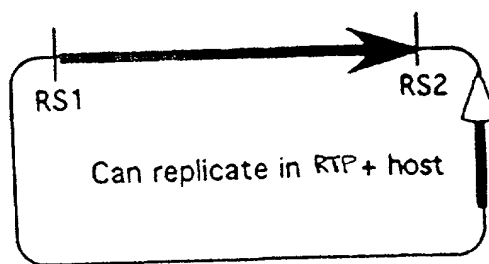
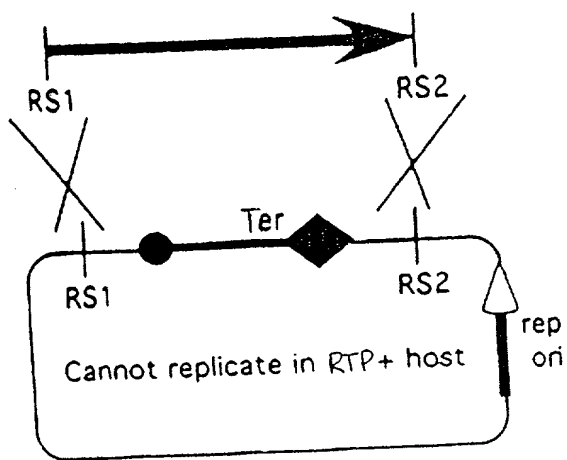
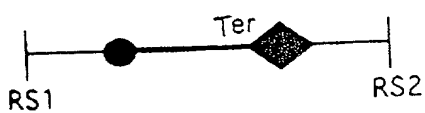


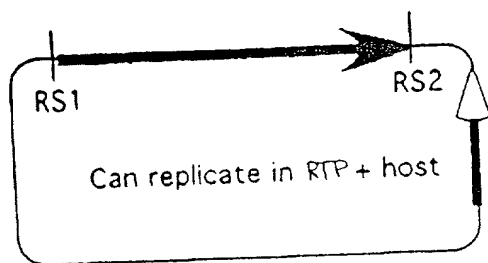
Fig. 1



Recombination
reaction



+



Transform

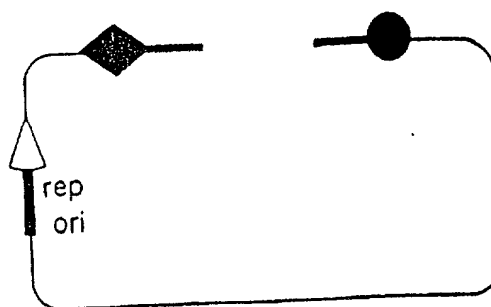
RTP+ host

Fig. 2

Modify GOI



+



ligate

Transform RTP+ host

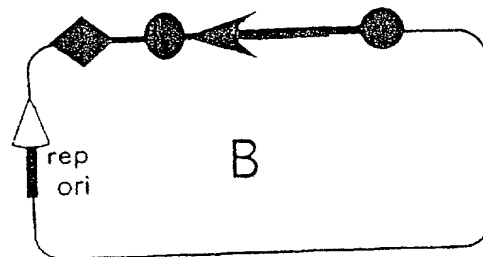
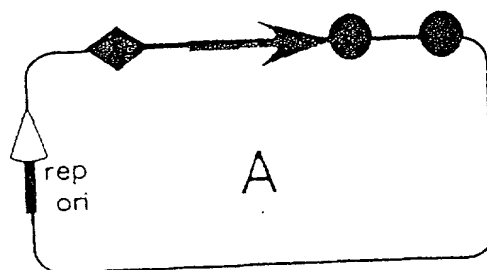


Fig. 3

2020054529001

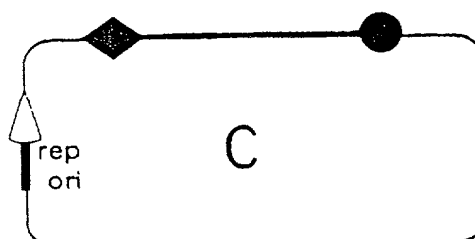
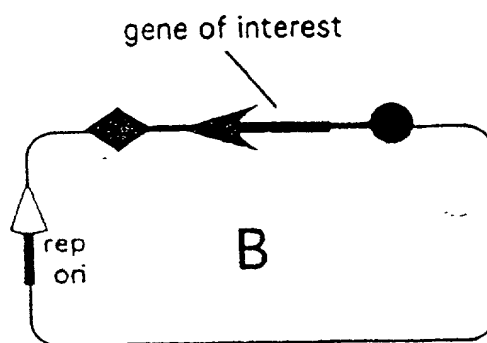
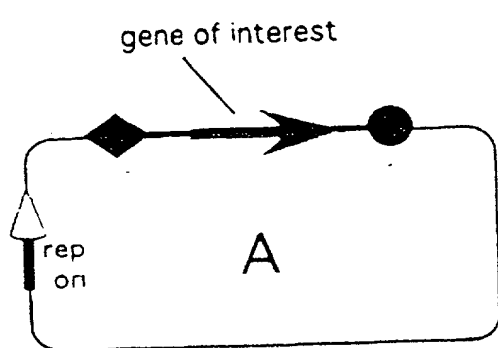
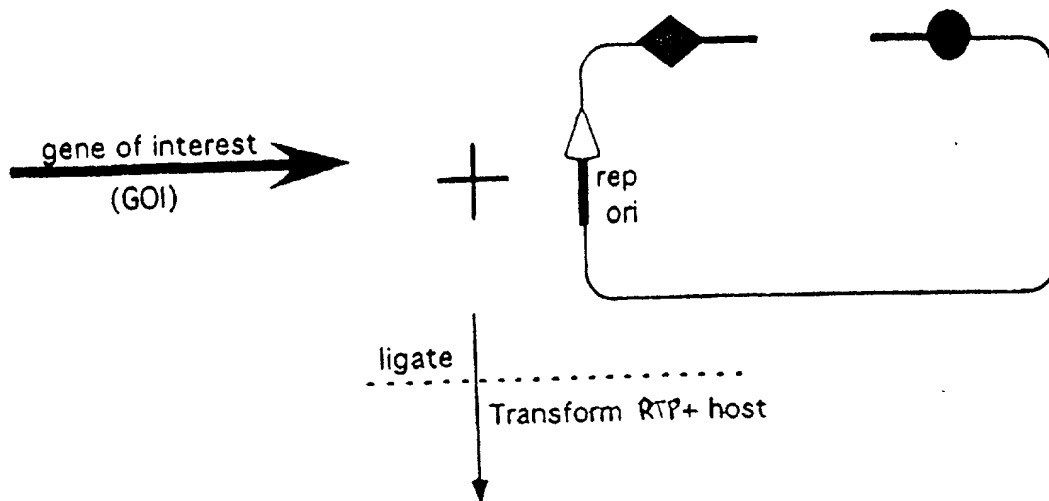


Fig. 4

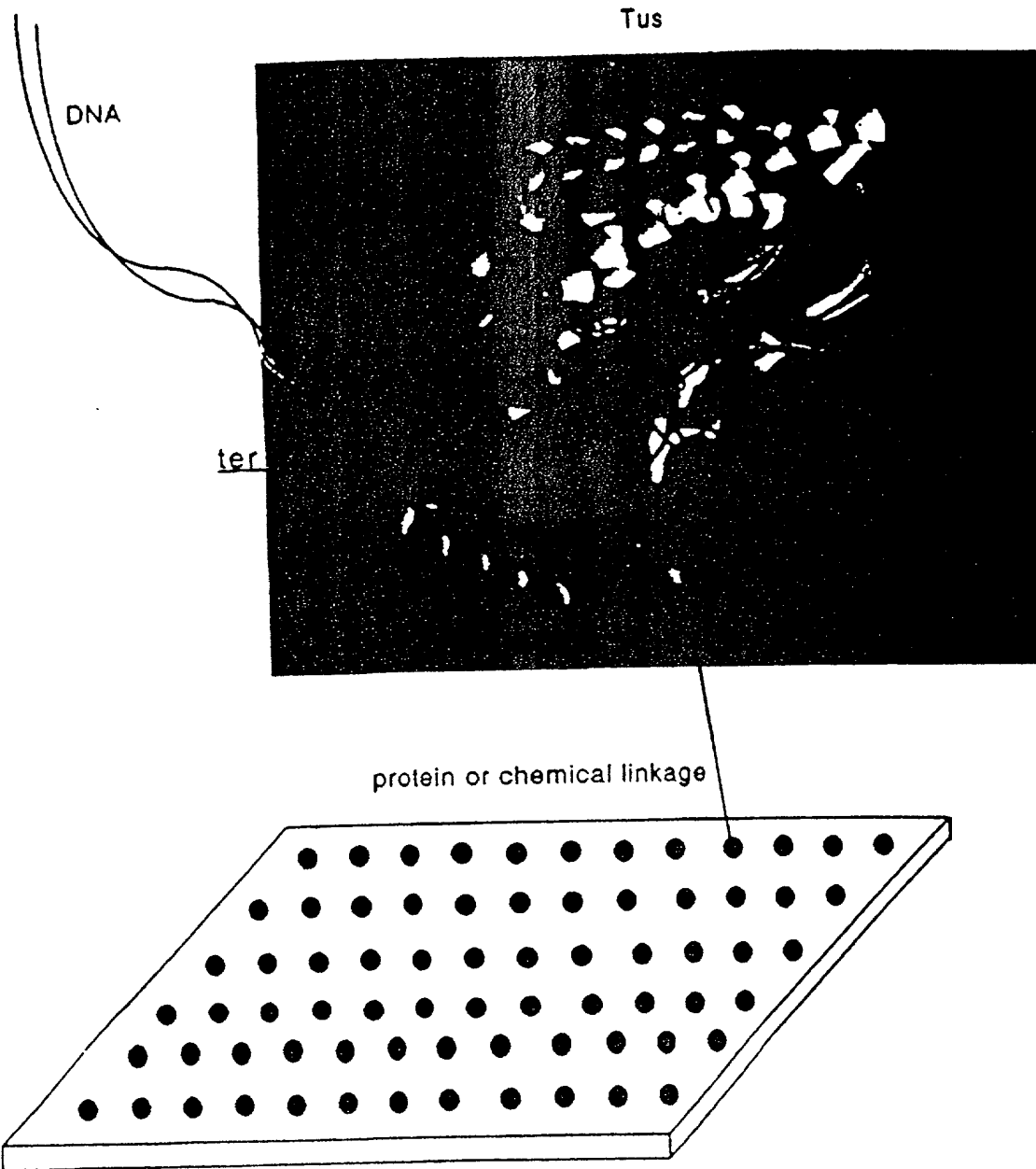
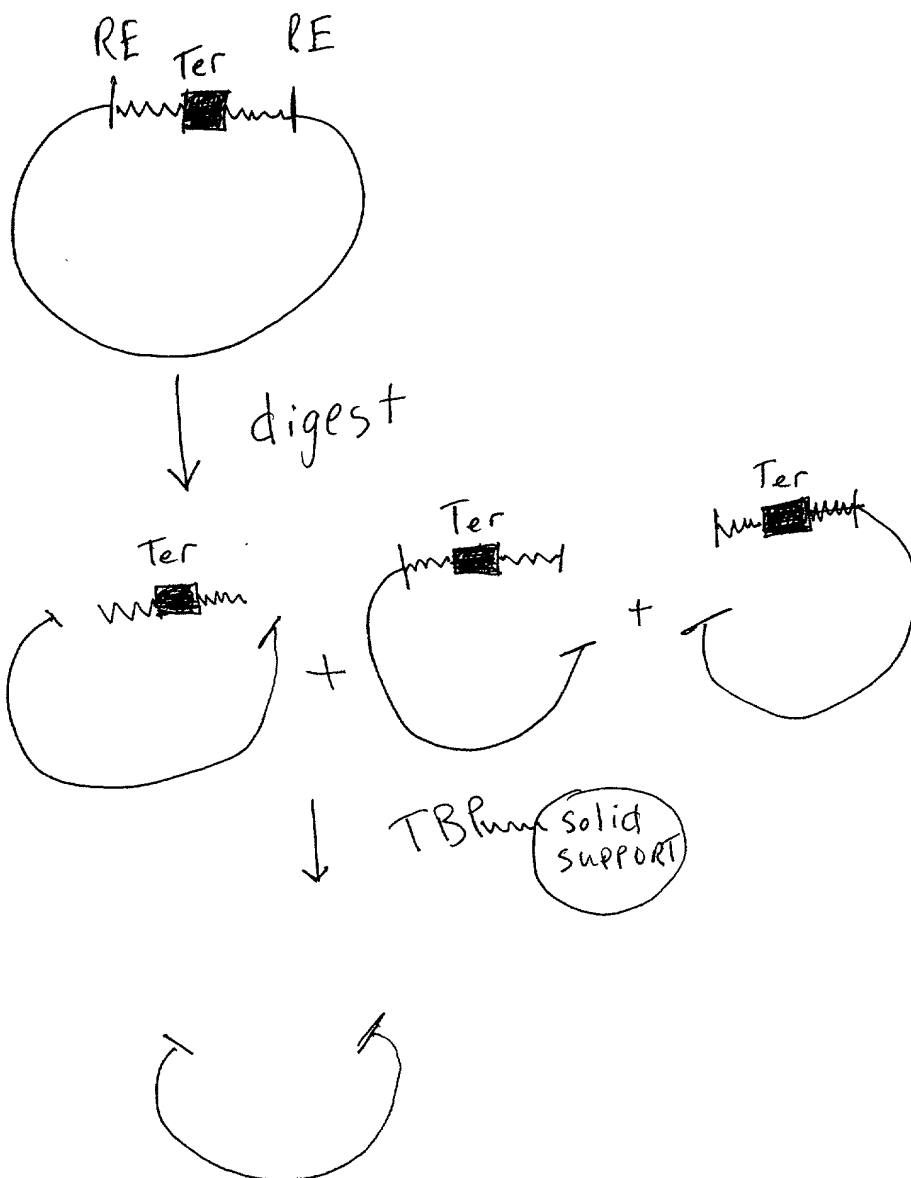


Fig. 5

FIG. 6A



1067543.020202

10067543.020702

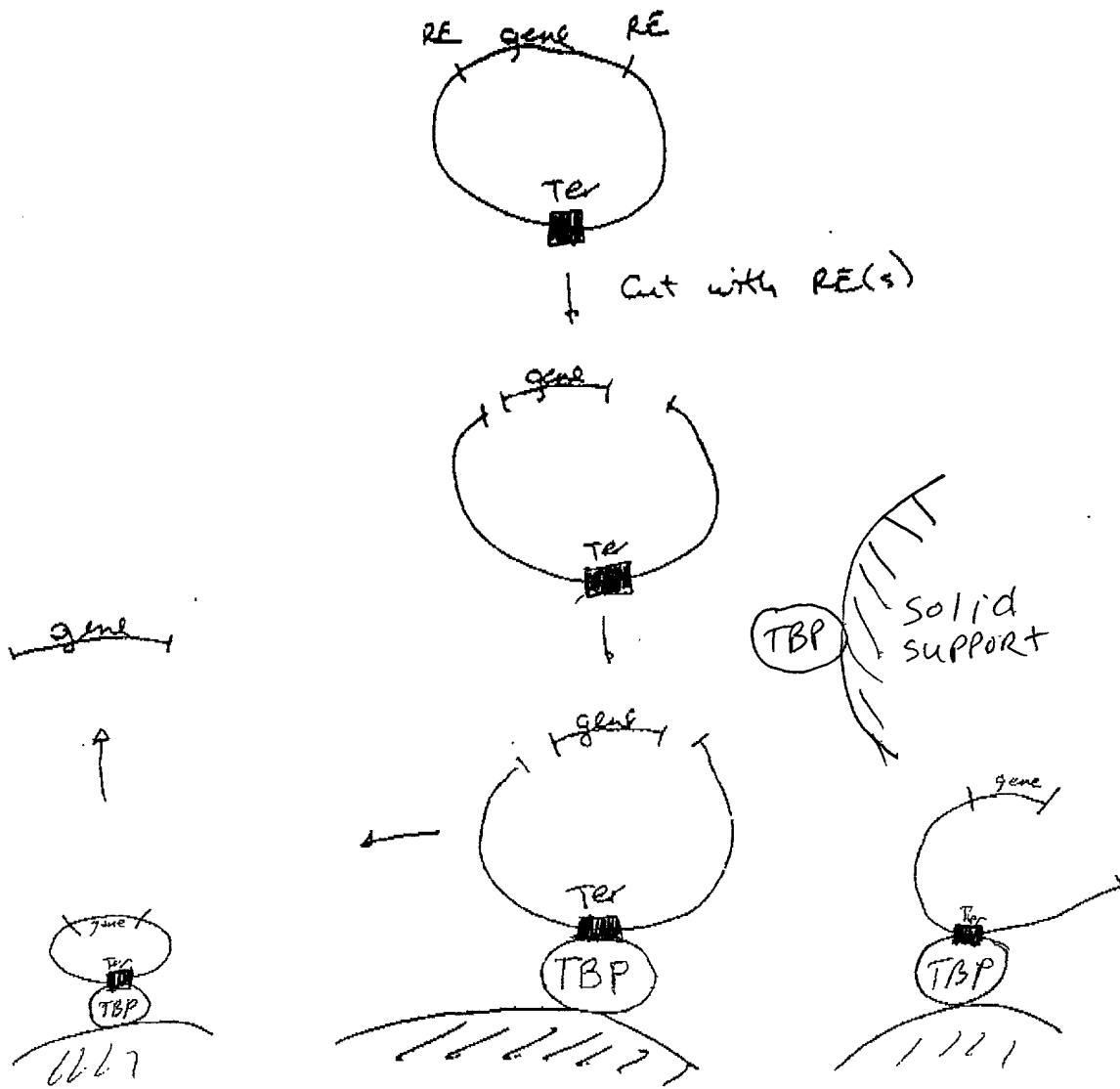


Fig. 6B

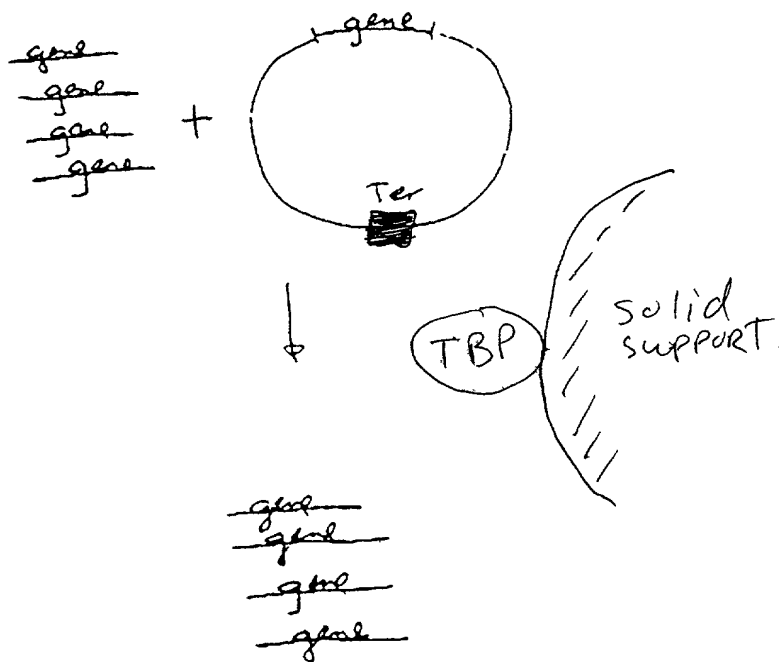
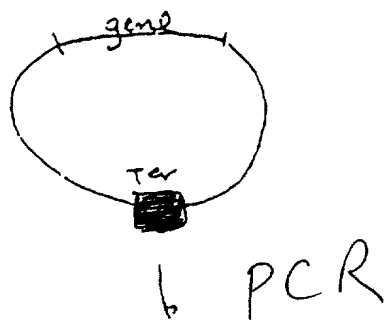
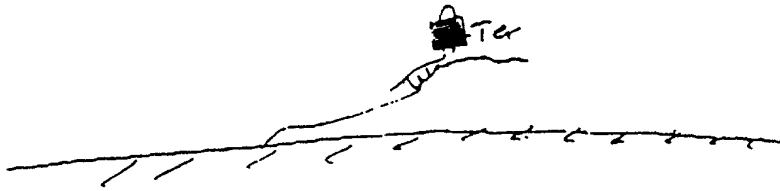


Fig. 7



↓ Probe



↓ Detect

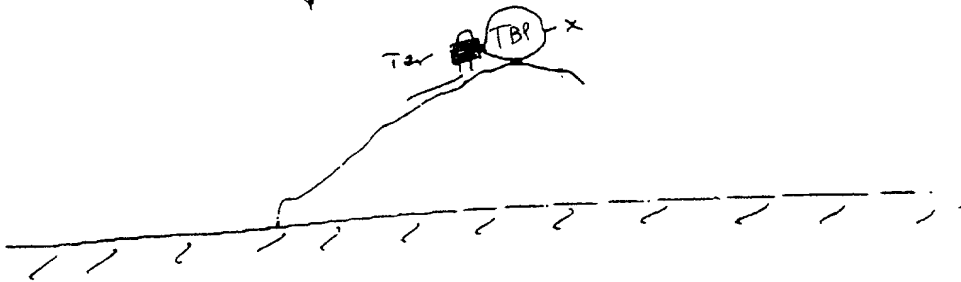
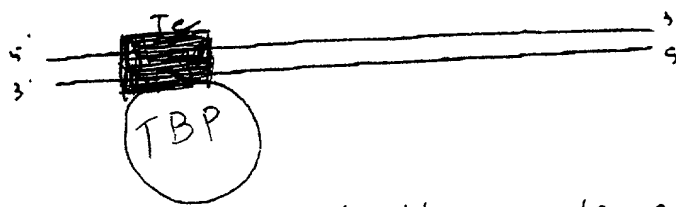
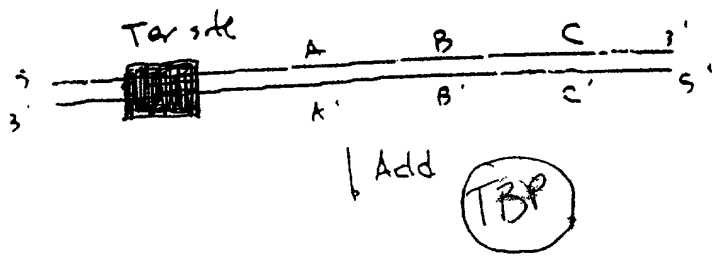
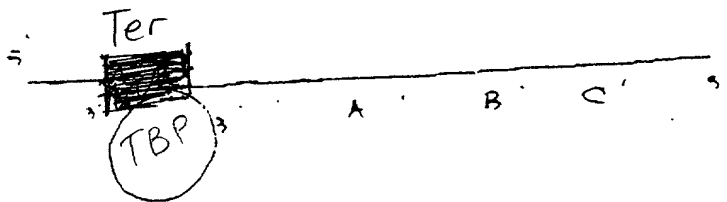


Fig. 8

10067543.020702



↓ Add exonuclease, e.g. 3' exo



Purifying

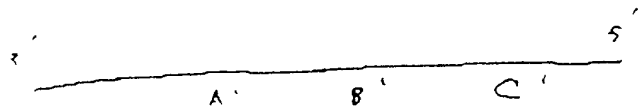


FIG 9

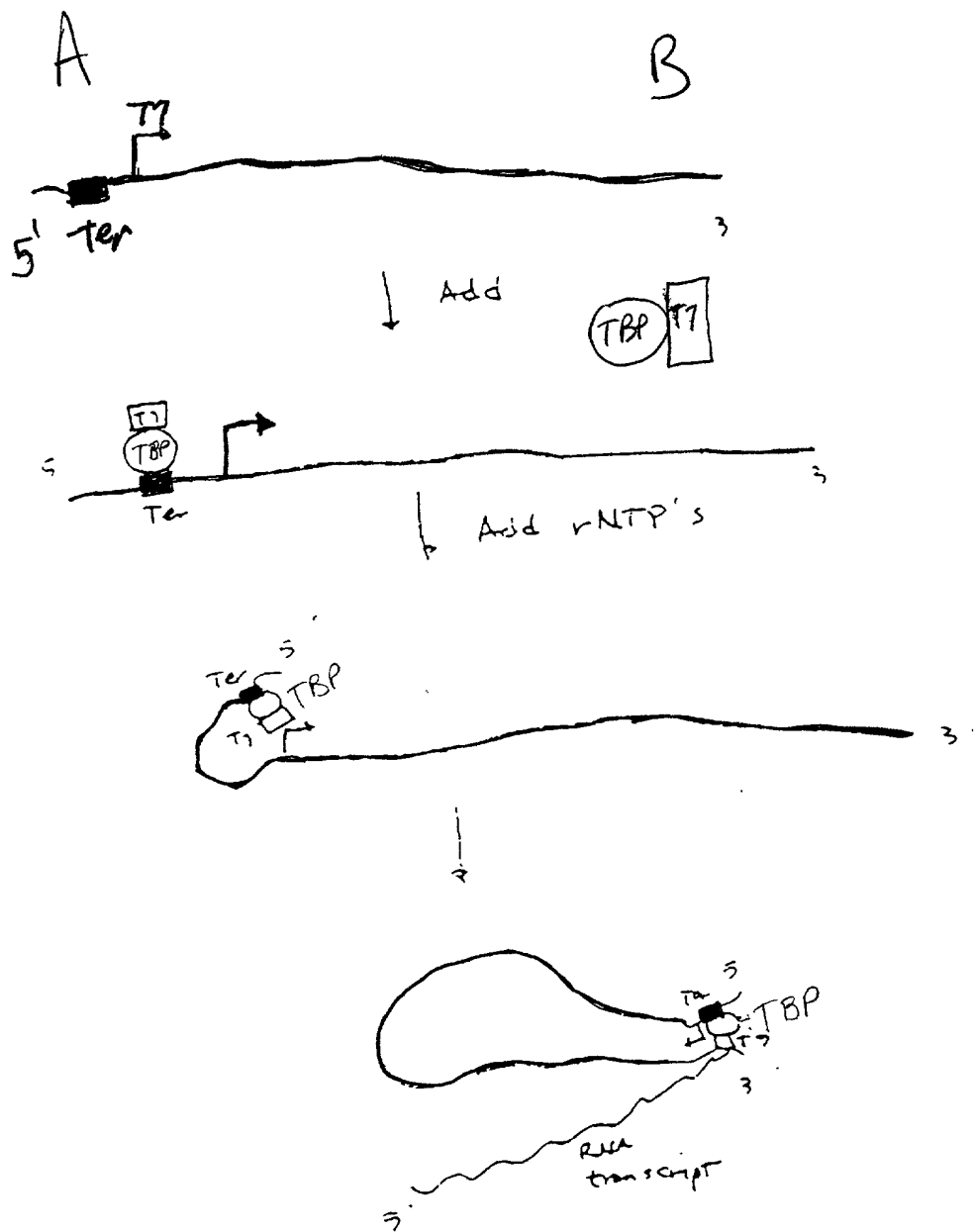


FIG 10

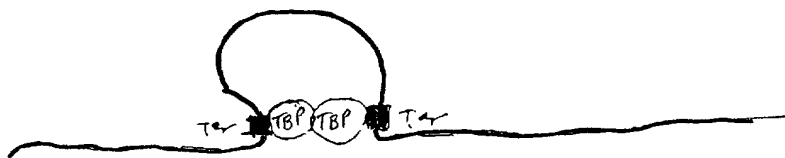
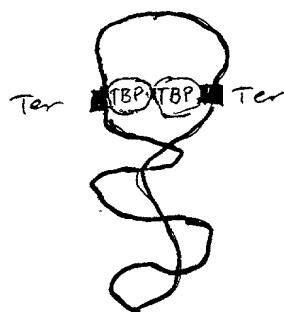
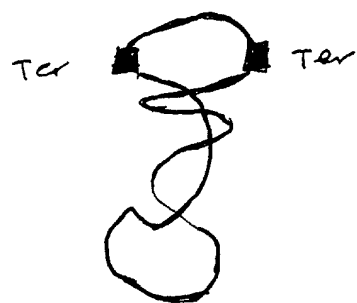


Fig. 11

10067543.020702

A | ter' | anneal
oligo #1

ter
oligo #2

anneal
A | ter' | anneal
|
ter

add
TBP

A | ter' | anneal
|
TBP

PCR

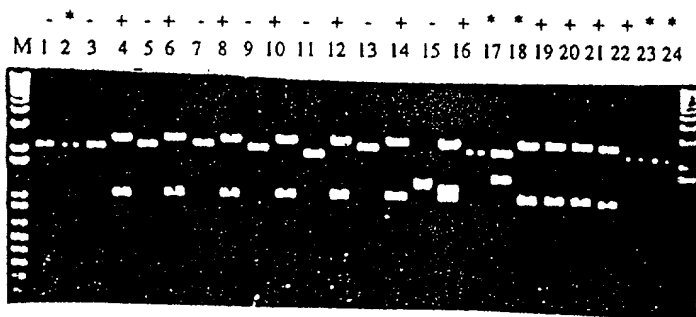
A | ter' | anneal
|
nick

deproteinize
and remove ter

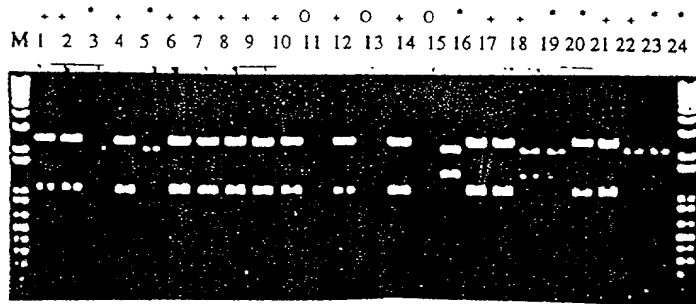
A | ter' | anneal
|
generate overhang

FIGURE 12

202020 64525001



A



B

Fig. 13



Fig. 14

1067543.020703